

```
!!SEQUENCE_LIST 1.0
! FINDPATTERNS on GenEMBL:* allowing 0 mismatches
!
! AGCCATAACATGAACN{ }TCCATTAGTAGTAGTAGTTACATATACTACGCAGACTCAGTGAAGGCCGATTTCAG
```

---

> 0 <  
01 | 0   IntelliGenetics  
> 0 <

Quest - Quick User-directed Expression Search Tool  
Release 5.4

-- Outline of search "36\_38\_40iss" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "spector091n.key":

```
1 36_38_40 (NA) ID 36_38_40 NA preliminary pattern
2 followed by
2 agccataacatgaac
2 any number of any character
2 tccattagtagtagtagtaccatactacgcagactcagtgaaagggccgattcaccatctcc
2 any number of any character
2 gatcgcgggagtagccgtagtatggacgtc
```

Selected data banks and files:

Data bank : Issued\_NA , all entries

-- Output Parameters --

Format Options:

Nucleic acid code matching	Exact	File Options:	
Find non-matching hits only	No	Indirect file	No
Report key used	Yes	Sequence or key file	No
Note position of hit	Yes	List of hits	Yes
Display full annotations	Yes	Hit display	Yes
Sequence context	50	Name and annotations	Yes

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	NO

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	00:06:48.06	00:16:47.00

Number of sequences searched:	325093
Number of sequence hits:	0
Number of separate matches:	0
Number of sequence hits saved:	0

```
!!SEQUENCE_LIST 1.0
! FINDPATTERNS on geneseqn:* allowing 0 mismatches
!
! 1 AGCCATAACATGAACN{ }TCCATTAGTAGTAGTAGTACATATATACTACGCAGACTCAGTGAAGGGCCGATTGAC
```

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> 0 <  
01 10 IntelliGenetics  
> 0 <

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Release 5.4

-- Outline of search "36\_38\_40pen" --

Selected search type is key against sequence data banks or files.

Selected scope is Sequence.

Selected sequence key from "spector091n.key":

36\_38\_40 (NA) ID 36\_38\_40 NA preliminary pattern  
1 followed by  
2 agccataacatgaac  
2 any number of any character  
2 tccattagtagtagtagtaccatactacgcagactcagtggaagggccgattcaccatctcc  
2 any number of any character  
2 gatcgcgggagtagccggtatgacgctc

Selected data banks and files:

Data bank : Pending\_NA , all entries

-- Output Parameters --

Format Options:

	File Options:
Nucleic acid code matching	Exact
Find non-matching hits only	No
Report key used	Yes
Note position of hit	Yes
Display full annotations	Yes
Sequence context	50

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	15:11:54.08	06:50:19.00
Number of sequences searched:		15472368
Number of sequence hits:		0
Number of separate matches:		0
Number of sequence hits saved:		0

```
!SEQUENCE_LIST 1.0
! FINDPATTERNS on EST: * allowing 0 mismatches
!
1 AGCCATACATGAACN|TCCATTAGTAGTAGTACATATACTACCCAGACTCAGTGAAGGGCCGATTCAO
```

---

> 0 <  
01 10 IntelliGenetics  
> 0 <

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Release 5.4

-- Outline of search "37\_39\_41" --

Selected search type is key against sequence data banks or files.  
Selected scope is Sequence.

Selected sequence key from "spectro091p.key":

37\_39\_41 (AA) ID 37\_39\_41 AA preliminary pattern  
1 followed by  
2 shmm  
2 any number of any character  
2 isssssylyadsvkgrflis  
2 any number of any character  
2 drstgmndv

Selected files:

File : 37\_39\_4lags.pep

-- Output Parameters --

Format Options:		File Options:	
Nucleic acid code matching	Exact	Indirect file	No
Find non-matching hits only	No	Sequence or key file	No
Report key used	Yes	List of hits	Yes
Note position of hit	Yes	Hit display	Yes
Display full annotations	Yes	Name and annotations	Yes
Sequence context	50		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

-----  
1 match found in sequence:

aay06717 ; Antibody 12B5 single chain Fv (scFv) fragment.  
(from "37\_39\_4lags.pep")  
TOIG of: aay06717 check: 1357 from: 1 to: 279

ID AAY06717 standard; Protein; 245 AA.

XX AAY06717;

DT 17-JUN-1999 (first entry)

DE Antibody 12B5 single chain Fv (scFv) fragment.

XX Agonist antibody; thrombopoietin receptor; TPO-R; thrombopoietin; DIC;  
KW megakaryocyte; platelet; immunological; hematopoietic; thrombocytopenia;  
KW bone marrow hypoplasia; disseminated intravascular coagulation; anemia;  
KW myelodysplasia; myelotoxic chemotherapy; leukaemia; tumour; MUSK; CDR;  
KW neuromuscular; muscular dystrophy; complementarity determining region.

XX Homo sapiens.

OS Key Location/Qualifiers

FT Misc-difference 208 /note= "unspecified"

PN WO9910494-A2.

XX 04-MAR-1999.

PD 21-AUG-1998; 98WO-US17364.

XX

PR 25-AUG-1997; 97US-0918148.

XX (GETH ) GENENTECH INC.

PA Adams CW, Carter PJ, Fendly BM, Gurney AL;

XX WPI; 1999-204666/17.

PT New thrombopoietin receptor agonist antibodies - useful for  
PT treating immunological or hematological disorders

XX Disclosure; Fig 1; 86pp; English.

CC The invention relates to an agonist antibody (Ab) which binds to a  
CC thrombopoietin receptor (TPO-R). The antibodies which bind the TPO-R can  
CC be used in the same way and for the same indications as thrombopoietin  
CC (TPO). They can stimulate proliferation, differentiation or growth of  
CC megakaryocytes. They may also be able to stimulate megakaryocytes to  
CC increase platelet production. They can be used for treating  
CC immunological or hematopoietic disorders, especially thrombocytopenia.  
CC Thrombocytopenia - associated bone marrow hypoplasia (e.g. aplastic anemia  
CC following chemotherapy or bone marrow transplant) may be effectively  
CC treated with the antibody compounds as well as disorders such as  
CC disseminated intravascular coagulation (DIC), immune thrombocytopenia  
CC (HIV-induced and non HIV-induced), chronic idiopathic thrombocytopenia,  
CC congenital thrombocytopenia, thrombotic thrombocytopenia and  
CC myelodysplasia. They can also be used in e.g. myelotoxic chemotherapy for  
CC treatment of solid tumours or leukaemia, myeloablative chemotherapy for  
CC autologous or allogeneic bone marrow transplant, myelodysplasia,  
CC idiopathic aplastic anemia, congenital thrombocytopenia, and immune  
CC thrombocytopenia. The antibodies which bind to the MUSK receptor can be  
CC used for improving neuromuscular function in a patient, e.g. in muscular  
CC dystrophy. The products can also be used for detection and diagnosis. The  
CC antibodies have a longer half-life than the natural ligand for the TPO-R.  
CC Sequences AAY06713-Y06718 represent single chain Fv (scFv) fragments of  
CC various antibodies.

XX SQ Sequence 245 AA;

... AAY06717 Length: 279 September 10, 2001 07:34 Type: P Check: 1357 ..  
Found using '37\_39\_41' (spectro091p.key)

17 LKMFPSWVYSQOTHERSMAQVQLVDSGGGLVKKPGSLRLSCAASGFTFSNNMNVYRQA

67

77 PGKGLEWVSSISSSSYIYADSVKGRFTISRDNAKNSLYLQMSLRAEDTAVYYCARDR

137 GSTGMDVWGRGTLVTYSSGGGGGGGGGGSDIQMTQSPSTLSASIGDRVITCR

143

...

-- Search Statistics --

Times:	CPU	Total Elapsed
00:00:00.00	00:00:00.00	
Number of sequences searched:		1
Number of sequence hits:		1
Number of separate matches:		1
Number of sequence hits saved:		0

> 0 <  
01 10 Intelligenetics  
> 0 <

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-- Outline of search "37\_39\_41iss" --

Selected search type is key against sequence data banks or files.  
Selected scope is Sequence.

Selected sequence key from "spector091p.key":

37\_39\_41 (AA) ID 37\_39\_41 AA preliminary pattern  
1 followed by  
2 shmm  
2 any number of any character  
2 issssylyyadsvkgrftis  
2 any number of any character  
2 drgstgmdv

Selected data banks and files:

Data bank : Issued\_AA , all entries

-- Output Parameters --

Format Options:

	Exact	File Options:	
		Indirect file	
Nucleic acid code matching	No	Sequence or key file	No
Find non-matching hits only	Yes	List of hits	No
Report key used	Yes	Hit display	Yes
Note position of hit	Yes	Name and annotations	Yes
Display full annotations	Yes		Yes
Sequence context	50		

-- Run Parameters --

Run mode	Batch
Time to start comparison	now
Notify at end of run	No

No hits found.

-- Search Statistics --

Times:	CPU	Total Elapsed
	00:02:03.08	00:06:38.00

Number of sequences searched:	197390
Number of sequence hits:	0
Number of separate matches:	0
Number of sequence hits saved:	0

!SEQUENCE\_LIST 1.0  
! FINDPATTERNS on Swiss-Prot:\* allowing 0 mismatches  
! 1 SHNMNX{}ISSSSYIYADSVKGRFTISX{}DRGSTGMDV

Septem

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!!SEQUENCE\_LIST 1.0  
! FINDPATTERNS on sptrembl:\* allowing 0 mismatches  
! 1 SHNMNX{)ISSSSYIYADSVKGRFTISX{)DRGSTGMDV

Septem

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